Hori, Y, 1
Hosokawa, T, 1
Hossain, S, 170
Huang, JJ, 282
Hughes, SC, 166
Ibuki, T, 1
Ifrach, N, 345
Iglesias, S, 617
Infantino, M, 617
Ing, RJ, 108
Ingvar, C, 113
Iwama, H, 375
James, H, 77
James, P, 617
Janelle, GM, 159
Jarvis, J, 323
Jedeikin, R, 345
Johansson, A, 113
Johnson, C, 617
Johnson, S, 463
Joseph, N, 540
Joseph, NJ, 9
Joseph, V, 617
Kadoi, Y, 339
Kain, ZN, 505
Kang, SB, 38
Karabiyik, L, 214
Kariya, N, 534
Katagai, H, 455
Katoh, T, 33
Katori, K, 363
Katz, J, 418
Kaye, AD, 52
Keochekian, A, 211
Kiefer, RT, 495
Kim, A, 617
Kimatian, SJ, 617
Kindscher, JD, 64
Kirby, RR, 398
Kishi, Y, 520
Kita, T, 520
Kitajima, T, 24
Klamt, JG, 510
Klein, M, 179
Knapp, S, 441
Knox, SL, 297, 299
Kobayashi, S, 33
Kohlhammer, M, 617
Koo, M, 97
Kopacz, DJ, 311
Kopman, AF, 145
Kornfält, J, 113
Kotzur, A, 359
Kranner, PW, 306, 316, 617
Krenis, LJ, 278
Ksiazek, S, 267
Kudoh, A, 455
Kuczkowski, KM, 165, 224, 243, 357, 359, 382, 478, 552, 573
Kudo, M, 103
Kudo, T, 103
Kudryk, BT, 250
Kufner, RP, 19
Lack, A, 79
Laczika, KF, 441
Lagasse, R, 617
Lancz, C, 411
Lanza, G, 428
Lanzinger, MJ, 245
Larijani, GE, 75
Larsen, P, 617
Layon, AJ, 398
Lechan, RM, 540
Lee, H, 41
Lee, PJ, 575
Lee, WA, 59
Lehning, E, 617
Lemmens, HJM, 29
Lepore, JJ, 371
Levi, DC, 29
Levine, R, 617
Liang, BA, 395, 549
Lin, S-H, 189
Lin, S-M, 189
Lischinsky, S, 132
Lloyd, GE, 323
Locker, GJ, 441
Lockhart, A, 66
Loeb, R, 617
Long, T, 617
Long, TR, 289, 489
Losert, H, 441
Lu, C-Y, 189
Lubarsky, DA, 70, 108, 194
Lucchinetti, E, 170
Lumpkin, EN, 530
Lundberg, J, 113
Lupic, D, 495
Lutz, A, 308
Macario, A, 206
MacLennan, A, 575
MacLeod, DB, 194
Mahoney, J, 617
Mammoto, T, 520
Manani, G, 582
Mansfield, JF, 378
Mao, C-C, 189
Marine, RJ, 617
Marshall, W, 617
Marsland, C, 617
Martin, D, 617
Martin, G, 194, 471
Martin, K, 617
Matsuki, A, 103
Mayhew, JF, 142
McHugh, G, 79
McIvor, W, 617
Meinberg, AC, 510
Mendel, E, 398
Meng, L, 617
Mets, B, 617
Mi, W, 103
Midoro-Horiuti, T, 495
Mihalache, A, 451
Minarcik, BA, 617
Mishio, M, 24
Miyawaki, J, 363
Módolo, NSP, 119
Moeller-Bertram, T, 359
Moerman, AT, 91
Montebugnoli, M, 351
Montisci, M, 582
Moon, RE, 245
Moorthy, SS, 267
Moretti, EW, 245
Morgan, PJ, 617
Morillo-Delerme, J, 617
Mort, M, 617
Muhm, M, 441
Murphree, S, 323
Murphy, D, 234
Murray, WB, 303, 308, 310, 321, 617
Mussehl, DA, 617
Myers, F, 75
Natalini, G, 428
Naughton, NN, 575
Neal, JM, 311
Nepoti, ML, 351
Ness, PM, 220
Nguyen, NH, 297
Nishi, S, 534
Nishikawa, K, 534
Nordin, L, 113
Norris, EJ, 220
Numazaki, M, 423
Obata, Y, 33
Okuda, Y, 24
Orebaugh, S, 617
O'Reilly, M, 575
Ovadia, L, 179
Ozen, I, 15
Paini, MB, 351
Papaziogas, BT, 240
Parroy, S, 79
Parry, M, 617
Patel, RM, 617
Pateman, J, 617
Peterfreund, RA, 217
Pfister, ME, 250
Pierre, HL, 140
Pillai, D, 463
Pinchak, AC, 312
Pittman, JA, 334
Pivalizza, EG, 366
Polomano, R, 617
Pope, C, 617
Porzionato, A, 582
Prough, DS, 64, 66
Raikhelkar, J, 571
Ramzan, I, 257
Randle, DW, 289
Raphael, DT, 41
Ravasi, F, 126
Ray, J, 72
Reinke, U, 433
Reisner, LS, 478, 552
Renton, M, 617
Rentsch, KM, 85
Reves, JG, 194
Richards, T, 52
Richardson, MG, 314, 617
Robinson, B, 617
Rodrigues, GR, Jr, 119
Rodriguez, S, 267
Rohling, RG, 85
Rollin, AM, 79
Romeo, R, 617
Rosano, A, 428

Rose, JW, 617
Rose, SH, 289
Rosen, GP, 275
Rosen, K, 318
Rosenberg, B, 132
Rosenblatt, MA, 285
Roth-Isigkeit, A, 433
Rozentsveig, V, 179
Rudy, S, 617
Rufener, JB, 250
Rumball, KM, 38
Ruscher, AE, 316
Saad-Eddin, HE, 149
Sabaté, A, 97
Sakaguchi, M, 525
Şahin, T, 446
St. Jacques, P, 77
Sakai, T, 103
Sakuragi, T, 363
Salem, MR, 9
Sanderson, IC, 194
Santorsola, R, 126
Sato, S, 33
Satsumae, T, 525
Scalea, TM, 184
Schapiro, HM, 83
Schellongowski, P, 441
Schily, M, 179
Schmitz, ML, 142
Schmucker, P, 433
Schroeder, TH, 495
Schubert, A, 295
Schumann, R, 540
Schwaitzberg, SD, 540
Segal, R, 617
Semigran, MJ, 371
Seubert, CN, 59
Shapiro, A, 345
Shay, DC, 491
Shernan, SK, 271
Sherwood, MW, 334
Shono, S, 363
Shyong, EQ, 170
Sidhu, DK, 617
Sidhu, TS, 312
Siemens, H-JG, 433
Silverstein, JH, 170
Singh, A, 211
Sinha, N, 145
Sinz, EH, 318
Smith, A, 617
Smith, TC, 206
Solak, M, 15, 328, 446
Sosis, MB, 164
Soto, RG, 275
Sprigge, JS, 617
Sprung, J, 537
Stagni, F, 351
Stapelfeldt, W, 617
Staudinger, T, 441
Steen, S, 617
Stein, G, 617
Stocche, RM, 510
Street, JP, 316, 617
Struys, MM, 91
Subramaniam, K, 406
Sum Ping, STJ, 334
Sungurtekin, H, 201
Sungurtekin, U, 201
Suzuki, M, 375
Svensson, L, 113
Szarvas, S, 234
Szendro, G, 179
Szmuk, P, 418
Tagliente, TM, 170
Takahira, Y, 455
Takase, H, 455
Takazawa, T, 455
Tan, P-H, 189
Tanaka M., 570
Tanaka, Y, 1
Taniguchi, H, 520
Tarnopolski, A, 179
Tarshis, J, 617
Tatman, DJ, 206
Tavernier, RM, 91
Tebich, S, 320, 617
Terai, T, 570
Thalhammer, F, 441
Theilmeier, G, 154
Thomas, G, 79
Thompson, BT, 371
Tiede, JM, 530
Toffaletti, JG, 245
Toker, K, 328, 446
Torri, G, 126
Tsai, S-K, 189
Tyler, DC, 81
Ueda, H, 570
Underberg, K, 617
Unertl, K, 495
Urdaneta, F, 398
Vaidya, J, 570
Vanderah, T, 617
Vanni, SMD'A, 119
Venbrux, AC, 250
Viapiano, J, 83
Vogl, A, 83
Vretzakis, GI, 240
Wafai, Y, 9
Walker, K, 617
Walman, AT, 395
Walmsley, A, 617
Wang, R, 617
Warters, RD, 418
Wass, CT, 289, 489
Waterman, CS, 617
Weigel, WA, 321
Weksler, N, 179
Weller, J, 617
West, AJ, 537
Westhofen, P, 467
White, L, 79
Whitten, CJ, 64, 66, 70
Wiesel, S, 617
Wilderman, RF, 245
Williams, GM, 220
Williamson, C, 79
Wright, CD, 48
Wright, D, 108
Wu, CL, 140
Yamaguchi, H, 525
Yamaguchi, S, 24
Yamamoto, S, 525
Yamashita, S, 525
Yamazaki, K, 520
Yang, L-C, 189
Yee, RD, 267
Yukioka, H, 570
Yumul, R, 617
Zabala, L, 540
Zaffer, R, 267
Zaugg, M, 170
Zavisca, FG, 617
Ziser, A, 132
Zohar, E, 345

Index of Subjects, Volume 15

Authors' names follow each entry. The departments from which the articles are indexed are abbreviated as follows: AB = Abstract, CC = Case Conference, BR = Book Review, CR = Case Report, DD = Doctor's Docket, ED = Editorial, LE = Letter to the Editor, OC = Original Contribution, RA = Review Article, and SA = Special Article.

A

Abdominal surgery
- **complex aortic reconstruction**
  - acute normovolemic hemodilution and human polymerized hemoglobin for blood loss control (CR) [Norris, Ness, Williams], 220
- **ionized vs. total serum magnesium concentrations during** (OC) [Lanzinger, Moretti, Wilderman, El-Moalem, Toffaletti, Moon], 245
- **pain, postoperative, acute, in**
  - three techniques for control of (OC) [Shapiro, Zohar, Hoppenstein, Ifrach, Jedeikin, Fredman], 345
- **pediatric; clonidine for** (OC) [Klamt, Garcia, Stocche, Meinberg], 510

Acceleromyography
- **neuromuscular monitoring with**
  - after prolonged recovery from mivacurium (CR) [Kopman, Sinha], 145

Accreditation Council for Graduate Medical Education (ACGME)
- **assessment of general competencies; and resident selection process** (AB) [Easdown, Richardson], 617
- **compliance (96%) in core competencies** (AB) [Johnson, Carter, Yumul, Ashley, Steen], 617

Acoustic reflectometry (airway imaging technique)
- **in detection of endobronchial intubation** (CR) [Raphael, Lee], 41

Acquired immunodeficiency syndrome (AIDS)
- **HIV in pregnancy (RA) [Kuczkowski], 224** (accompanying editorial [Hughes], 166)

Acute normovolemic hemodilution
- **human polymerized hemoglobin as adjunct to, in abdominal aortic reconstruction (CR)** [Norris, Ness, Williams], 220
- **recurarization risk during autologous blood retransfusion**
  - rocuronium vs. mivacurium (OC) [Rohling, Rentsch, Beck-Schimmer, Fuchs-Buder], 85

AIDS (acquired immunodeficiency syndrome)
- **HIV in pregnancy (RA) [Kuczkowski], 224** (accompanying editorial [Hughes], 166)

Airway imaging
- **acoustic reflectometry** (CR) [Raphael, Lee], 41

Airway management
- **course for non-anesthesia military personnel; evaluation of** (AB) [Murray, Boedeker], 617
- **instruction of skills in**
  - in anesthesiology residency training (RA) [Hagberg, Greger, Chelly, Saad-Eddin], 149
  - medical students; curriculum for (AB) [Patel], 617
- **obstetrics and** (ED) [Gambling, Shay], 491 (Review article [Kuczkowski, Reisner, Benumof], 552)
- **oral-gastric tube for; knotting of** (LE) [Raikhelkar, Denman], 571
- **practice patterns of, among U.S. anesthesiologists** (OC) [Ezri, Szmuk, Warters, Katz, Hagberg], 418
- **Weill-Marchesani syndrome, in** (CR) [Karabivik], 214

Alcohol withdrawal syndrome
- **and propofol sedation; delayed neuroexcitatory symptoms following** (LE) [Subramaniam, Gowda, Rosa], 406

Allergy, latex
- **in routine anesthesia practice** (OC) [Haeberle, Lupic, Midoro-Horiuti, Kiefer, Schroeder, Unertl, Dieterich], 495

Alzheimer's disease
- **anesthetic considerations in** (RA) [Fernandez, Fields, Richards, Kaye], 52

Ambulatory anesthesia
- **in pilonidal surgery; local vs. spinal anesthesia** (OC) [Sungurtekin, Sungurtekin, Erdem], 201
- **sleep characteristics of patients following** (OC) [Kain, Caldwell-Andrews], 505

American Association of Clinical Directors (AACD)
- **abstracts from 15th annual meeting (2002)**, 64
- **survey of AACD membership in OR management** (OC) [Dexter, Smith, Tatman, Macario], 206

American Board of Anesthesiology; preparation program for, at St. Louis University (AB) [Connors], 617

Analgesia
- **labor epidural**
  - Horner's syndrome after low bupivacaine concentration (CR) [Chandrasekhar, Peterfreund], 217
  - uterine rupture, spontaneous; in cesarean section (LE) [Kuczkowski], 243 (comment on Siddiqui MN, Ranasinghe JD: Spontaneous rupture of uterus. J Clin Anesth 2002;14: 368-70)

Anesthesia circle systems
- **mechanical obstruction of circuit as cause of ventilation malfunction** (CR) [Eckhout, Jr., Bhatia], 137
- **testing of unidirectional valves on; new approach** (AB) [Weigel, Murray], 321

Anesthesia department
- **history of, at Massachusetts General Hospital** *This Is No Humbug!* review of reminiscences by MGH department staff (BR) [Krenis], 278

Anesthesiologists
- **burnout in, and systems-based practice of** (AB) [Walker, Infantino], 617
- **difficult airway management practice patterns of, in U.S.** (OC) [Ezri, Szmuk, Warters, Katz, Hagberg], 418
- **electrical monitoring expertise of; encouragement of** (AB) [Smith, Goodwin, Mort, Pope], 617
- **evidence-based anesthesia degree (MSc); utility of** (AB) [Renton], 617

Journal of Clinical Anesthesia 15:607–615, 2003

© 2003 Elsevier Science Inc. All rights reserved.

655 Avenue of the Americas, New York, NY 10010

0952-8180/03/$–see front matter
doi:10.1016/j.jclinane.2003.12.002

family practice anesthesiologists; CMEs for simulator practice (AB) [Tarshis, DeSousa, Brown, Iglesias, Kohlhammer], 617
fiberoptic bronchoscopy instruction for; comparison of two models as learning tools (AB) [Robinson, Martin, Marsland, Larsen, Segal], 617
grieving of, after unexpected pediatric death (CR) [Soto, Rosen], 275
Israeli; attitude of patients toward role and practice of (OC) [Calman, Mihalache, Evron, Ezri], 451
knowledge, theoretical, of practicing (AB) [Greaves], 617
New Zealand anesthesiologists, continuing education of (AB) [Weller, Harrison], 617
operating room learning experience of; assessment of resident and faculty (AB) [Gillespie, Richardson], 617
productivity of
using perioperative benchmarking standards to improve (AB) [Myers, Goldberg, Larijani], 75
residents
Accreditation Council for Graduate Medical Education (ACGME)
assessment of general competencies of; and resident selection process (AB) [Easdown, Richardson], 617
compliance (96%) in core competencies (AB) [Johnson, Carter, Yumul, Ashley, Steen], 617
active learning intervention as evaluated with a cognitive behavior survey, performance assessment, multiple choice and short answer questions (AB) [Tebich, Loeb, Kim, Vanderah], 617
airway management training of (RA) [Hagberg, Greger, Chelly, Saad-Eddin], 149
brachial plexus blocks and proficiency of residents in performing (OC) [Rosenblatt, Fishkind], 285
career goals of, on personal statement (AB) [Kranner, Rose, Mussehl], 617
clinical performance of; Web-based evaluations of (AB) [Street, Kranner], 617
competence of, as measured by patient-centered preoperative evaluation for (AB) [Keller, Worth, Johnson], 304
competency-based education and evaluation model for (AB) [Kimatian, Marine], 617
integrated systems model for (AB) [Marine, Kimatian, Long, Marshall, Martin, Walker, Mets], 617
didactic curriculum, year-round, level-specific (AB) [Kranner], 617
educational environment of; measure of (AB) [Holt], 617
fourth-year; examination of the importance of (AB) [Marine, Walker], 617
I.D. badge reader system to audit work hours of (AB) [Richardson, Barwise], 617
knowledge acquisition of; evaluation modes of (AB) [Kranner, Goelzer], 306
naïve learner theory and changing curriculum (AB) [Tebich, Ellis, Kim], 617
obstetric practice; changes in as effecting residents at a UK district hospital (AB) [Sprigge], 617
pain medicine and regional anesthesia training of (AB) [Neal, Kopacz], 311
patient safety curriculum; design for graduate medical education (AB) [Joseph, Levine, Lehning, Lagasse], 617
perioperative evaluations for, via web-based teaching tool (AB) [Dangler, Stapelfeldt, Stein, DeRuyter, James, Wang], 617
performance evaluation with a surgical information database (AB) [Pinchak, Sidhu], 312
personal digital assistants (PDAs); improved resident evaluation of (AB) [Zavisca, Waterman, Cork], 617
Postanesthesia care unit (PACU); resident survey for evaluation of rotation in (AB) [Meng, Patel], 617
practice management curriculum for (AB) [Abouleish, Knox], 299
prediction of performance with the USMLE (United States Medical License Examination) Step I examination (AB) [Abouleish, Knox, Nguyen, Funston, Frye], 297
problem-based learning in; collaborative learning experience using WebCT (AB) [Wiesel, Fortner, Gunawardena], 617
quality-of-care issues for (AB) [Richardson], 314
recruitment of; reevaluation of factors attracting house staff to anesthesiology (OC) [Wass, Long, Randle, Rose, Faust, Decker], 289
self-evaluation vs. faculty evaluation as measure of performance (AB) [Casabianca, Bhatt], 301
simulation and
human
high-fidelity; applying theory to practice with (AB) [Morgan, Cleave-Hogg, DeSousa, Tarshis], 617
residents as teachers; experience using human patient simulation (AB) [Morgan, Cleave-Hogg, DeSousa], 617
value of, with crisis resource management training, in the third world (AB) [Lutz, Murray], 308
simulator, patient
medical center approach to (AB) [Lloyd, Bass, Jarvis, Murphree], 323
training level of nurse anesthetists and, and effect of, on OR efficiency (AB) [St. Jacques, James, Higgins], 77
transesophageal echocardiography training and credentialing for (AB) [Tebich], 320
transfusion medicine; training module for (AB) [Sidhu, Kranner], 617
simulation expertise of
CMEs for family practice anesthesiologists; nationwide program (AB) [Tarshis, DeSousa, Brown, Iglesias, Kohlhammer], 617
systems-based practice of; and physician burnout (AB) [Walker, Infantino], 617
"teaching the teachers course"; UK program (AB) [Walmsley, Parry, Pateman, Coles], 617
Anesthesiology grand rounds, secondary goals of (AB) [Boucek], 617
Anesthetic drug utilization
in geriatrics (OC) [Martin, Glass, Breslin, MacLeod, Sanderson, Lubarsky, Reves, Gan], 194
Aneurysm
thoracic aortic
transient paraplegia after stent grafting for (CC) [Fuchs, Lee, Seubert, Gelman], 59
Aortic surgery, abdominal
human polymerized hemoblogin and acute normovolemic hemodilution for control of blood loss during (CR) [Norris, Ness, Williams], 220
Apnea
and retrobulbar local anesthetic injection; cause of (CR) [Moorthy, Zaffer, Rodriguez, Ksiazek, Yee], 267
sleep
anesthesia for vasectomy patient with (CR) [Iwama, Suzuki], 375
Aprotinin (serine protease inhibitor)
adult liver transplantation

effect of, on vasoactive drug use in (OC) [Findlay, Kufner], 19

Arrhythmia
and preterm labor
rebound hyperkalemia after stopping IV tocolytic therapy with terbutaline for (CR) [Kuczkowski, Benumof], 357

Atenolol
in geriatric surgery
mproves recovery in (OC) [Shyong, Lucchinetti, Tagliente, Hossain, Silverstein, Zaugg], 170

Awareness
intraoperative; patients' willingness to pay to avoid (OC) Gan, Ing, de L. Dear, Wright, El-Moalem, Lubarsky], 108

B

Beta-adrenergic antagonism
atenolol improves recovery from surgery in geriatric patients (OC) [Shyong, Lucchinetti, Tagliente, Hossain, Silverstein, Zaugg], 170

Bispectral (BIS) monitoring
anesthesia emergence
interaction between fentanyl and propofol during (OC) [Mi, Sakai, Kudo, Kudo, Matsuki], 103
in electroconvulsive therapy (OC) [Lemmens, Levi, Debattista, Brock-Utne], 29
vital capacity rapid inhalation induction and sevoflurane for (OC) [Yamaguchi, Egawa, Mishio, Okuda, Kitajima], 24

Bleeding disorders, inherited
Thrombelastograph®, perioperative use of, in (CR) [Pivalizza], 366

Blood, autologous
transfusion of; risk of recurarization after muscle relaxant injection
curonium vs. mivacurium (OC) [Rohling, Rentsch, Beck-Schimmer, Fuchs-Buder], 85

Blood gas analysis
in cardiopulmonary surgery; positioning for sampling (LE) [Vretzakis, Hatzicostas, Papaziogas], 240

Blood loss
aprotinin to control, in adult liver transplantation (OC) [Findlay, Kufner], 19

Body piercing
airway implications of, in labor; nose piercing (CR) [Kuczkowski, Benumof, Moeller-Bertram, Kotzur], 359

Brachial plexus analgesia
axillary, continuous
in severe hemophilia (CR) [Kang, Rumball, Ettinger], 38
subclavian vein catheterization cause of brachial plexus injury (CR) [Porzionato, Montisci, Manani], 582

Breast surgery
postoperative pain in
ropivacaine and fentanyl for (OC) [Johansson, Kornfält, Nordin, Svensson, Ingvar, Lundberg], 113

Bupivacaine
Horner's syndrome and (CR) [Chandrasekhar, Peterfreund], 217
knee arthroscopy, outpatient; for
unilateral spinal block for; dose-finding study (OC) [Borghi, Stagni, Bugamelli, Paini, Nepoti, Montebugnoli, Casati], 351
racemic
levobupivacaine vs. ropivacaine and, in orthopedic surgery (OC) [Casati, Santorsola, Aldegheri, Ravasi, Fanelli, Berti, Fraschini, Torri], 126

Burn injury
Combitube™ airway device for severe (CR) [Hagberg, Johnson, Pillai], 463

C

Capnography
bronchoconstriction and
workshop to illustrate time constants, differential lung-unit ventilation (AB) [Elser, Murray], 303
side-stream sampling tubes for; leaks in (AB) [Murray, Durbin, 310

Carbon dioxide absorbents
in low-flow anesthesia
Comparison of Drägersorb Free®, Amsorb®, and Sodasorb II (OC) [Kobayashi, Bito, Obata, Katoh, Sato], 33

Cardiac output
and extracorporeal membrane oxygenation
bedside exclusion of significant recirculation volume during, using blood gas
analysis (OC) [Locker, Losert, Schellongowski, Thalhammer, Knapp, Laczika, Burgmann, Staudinger, Frass, Muhm], 441

Cardiopulmonary bypass surgery
blood sampling during
positioning produces variations (LE) [Vretzakis, Hatzicostas, Papaziogas], 240
in pediatrics
hypomagnesemia, body-weight ionized, in (OC) [Lu, Tan, Lin, Tsai, Lin, Mao, Yang], 189
mean arterial pressure in
increasing, improves jugular venous oxygen saturation in patients with/without preexisting stroke (OC) [Kadoi, Fujita], 339

Cardioversion
ambulatory electrical external propofol or etomidate for (OC) [Herregods, Bossuyt, De Baerdemaeker, Moerman, Struys, De Blauwen, Tavernier, Mortier], 91

Catheter
central venous
placement of transpleural subclavian, during thoracotomy in child with scoliosis (CR) [Ghafoor, Mayhew, Gentry, Schmitz], 142
kits; evalation of common kits and their risk of excess guidewire complications (OC) [Rufener, Andrews, Pfister, Hofmann, Bloch, Kudryk, Venbrux], 250
epidural
wire-reinforced; difficult removal of (CR) [Pierre, Block, Wu], 140

Catheterization, subclavian vein
brachial plexus injury caused by (CR) [Porzionato, Montisci, Manani], 582

Cerebrospinal fluid
drainage of
treatment with, for transient paraplegia after stent grafting of thoracic aortic aneurysm (CC) [Fuchs, Lee, Seubert, Gelman], 59

Cervicofacial necrotizing fasciitis
anesthetic implications of (CR) [Durrani, Mansfield], 378

Clinical productivity measurements
comparison of; survey of academic anesthesiology groups (AB) [Abouleish, Prough, Barker, Whitten, Apfelbaum], 64
quantifying impact on revenue productivity of various payer mixes (AB) [Abouleish, Whitten, Prough, Lockhart], 66

Clonidine
in diabetes
oral clonidine and off-pump coronary artery bypass surgery (OC) [Kita, Mammoto, Taniguchi, Yamazaki, Kishi], 520
in pediatric abdominal surgery (OC) [Klamt, Garcia, Stocche, Meinberg], 510

Coagulopathy
in trauma recombinant factor VIIa for hemorrhage control (OC) [Dutton, Hess, Scalea], 184

Coloproctologic surgery
sevoflurane for (OC) [Koo, Sabaté, Dalmau, Camprubi], 97

Combitube™ airway device
in severe burn injury (CR) [Hagberg, Johnson, Pillai], 463

Connective tissue disorder, congenital fibrodysplasia ossificans progressiva; anesthetic management in (CR)

[Singh, Ayyalapu, Keochekian], 211
Weill-Marchesani syndrome; airway management for (CR) [Karabiyik], 214
Coronary aortic valve disease
epicardial echocardiography to diagnose; in coronary surgery (CR) [Frenk, Shernan, Eltzschig], 271
Cortisol
in scoliosis surgery (OC) [Eroglu, Solak, Ozen, Aynaci], 15
Crisis resource management (CRM)
training in
assertiveness training during CRM, using human simulator in realistic simulated environment (AB) [Murray, Henry], 617
follow-up study (AB) [Rudy, Marine, Henry, Underberg, Polomano, Haack], 617
with human simulation, in third world (AB) [Lutz, Murray], 308

D
Dantrolone
for myoclonus after prolonged etomidate infusion (LE) [Greenberg, Hilty], 490
Death, unexpected
in pediatric patient
guidelines for the grieving anesthesiologist (CR) [Soto, Rosen], 275
Defibrillation
cardioversion, ambulatory electrical external
propofol or etomidate for (OC) [Herregods, Bossuyt, De Baerdemaeker, Moerman, Struys, De Blauwen, Tavernier, Mortier], 91
Diabetes mellitus
and off-pump coronary artery bypass surgery (OC) [Kita, Mammoto, Taniguchi, Yamazaki, Kishi], 520
Dolasetron
in cesarean section
emesis control for, during regional anesthesia (AB) [Boone, Gao, Clark, Chaudhuri, Chaudhuri], 295
Droperidol
in rotator cuff repair; for postoperative pain control (OC) [Yamamoto, Yamaguchi, Sakaguchi, Yamashita, Satsumae], 525
Drug abuse
in pregnancy; anesthetic implications of (RA) [Kuczkowski], 382 (accompanying editorial [Birnbach], 325)

E
Echocardiography
epicardial, intraoperative
in evaluating coronary aortic valve disease during coronary surgery (CR) [Frenk, Shernan, Eltzschig], 271
transesophageal
resident training in, and future credentialing of (AB) [Tebich], 320
Elbow surgery
brachial plexus analgesia, continuous; and severe hemophilia (CR) [Kang, Rumball, Ettinger], 38
Electroconvulsive therapy
induction drugs for
and seizure duration (OC) [Lemmens, Levi, Debattista, Brock-Utne], 29
Emergence, anesthesia
interaction between fentanyl and propofol; EEG-BIS monitoring of (OC) [Mi, Sakai, Kudo, Kudo, Matsuki], 103
Endotracheal tube (ETT)
pinch test as method for determining ETT cuff pressure (LE) [Sosis], 164
tracheoscopy with the rapiscope to verify placement of (OC) [Sum Ping, Pittman, Hohm, Sherwood], 334
Univent® tube (single-lumen ETT with bronchial blocker)
atelectasis in child following one-lung ventilation with (CC) [Fröhlich, Janelle], 159
Epidural analgesia, continuous
spinal epidural abscess after, in gastric lymphoma (CR) [Hernandez, Coyle, Wright, Ballantyne], 48
Epidural abscess, spinal
in gastric lymphoma (CR) [Hernandez, Coyle, Wright, Ballantyne], 48
Epidural test dose
in obstetric anesthesia; utility of (SA) [Gaiser], 474
Epinephrine (stress hormone)
in scoliosis surgery (OC) [Eroglu, Solak, Ozen, Aynaci], 15
Ethics, medical
informed consent in obstetric anesthesia (ED) [Kuczkowski], 573 (Review article [Hoehner], 587)
Etomidate
cardioversion, ambulatory electrical external
propofol vs. (OC) [Herregods, Bossuyt, De Baerdemaeker, Moerman, Struys, Den Blauwen, Tavernier, Mortier], 91
fast-onset neuromuscular blocking drug
effect of induction with, on (OC) [El-Orbany, Wafai, Joseph, Salem], 9
myoclonus after prolonged infusion with dantrolene to treat (LE) [Greenberg, Hilty], 490
Evidence-based anesthesia
utility of master's degree in (MSc) in (AB) [Renton], 617
Extracorporeal membrane oxygenation (ECMO)
recirculation volume during
bedside exclusion of significant, using blood gas analysis (OC) [Locker, Losert, Schellongowski, Thalhammer, Knapp, Laczika, Burgmann, Staudinger, Frass, Muhm], 441
Extracorporeal shock wave lithotripsy (ESWL)
in pediatrics; hemoptolysis after (CR) [Tiede, Lumpkin, Wass, Long], 530
Eye surgery
ophthalmologic nerve blocks; a review (RA) [Ahmad, Ahmad], 564
retrobulbar local anesthetic injection for cause of apnea and seizures (CR) [Moorthy, Zaffer, Rodriguez, Ksiazek, Yee], 267

F
Factor VIIa
in trauma
hemorrhage control with (OC) [Dutton, Hess, Scalea], 184
Fasciitis, cervicofacial necrotizing
anesthetic implications of (CR) [Durrani, Mansfield], 378
Fentanyl
and anesthesia emergence
effect of plasma levels of, on propofol concentration and BIS monitoring (OC) [Mi, Sakai, Kudo, Kudo, Matsuki], 103
Fever and infection
anesthetic management of, in pregnancy (RA) [Kuczkowski, Reisner], 478 (accompanying editorial [Finster], 409)
Fiberoptics
fiberoptic bronchoscopy
two-person technique for tracheal extubation/reintubation with, in ICU Patients (CR) [Hagberg, Westhofen], 467
Fibrinolysis
aprotinin for, in adult liver transplantation (OC) [Findlay, Kufner], 19
Fibrodysplasia ossificans progressiva
anesthetic management for (CR) [Singh, Ayyalapu, Keochekian], 211
Flatulence
portable hydrogen gas analyzer to detect (LE) [Terai, Yukioka, Ueda, Tanaka], 570

G

Ganglion of Walther
modified approach to (Ganglion of Impar) (LE) [Huang], 282

Geriatrics
anesthetic drug utilization in (OC) [Martin, Glass, Breslin, MacLeod, Sanderson, Lubarsky, Reves, Gan], 194
recovery from surgery
atenolol improves recovery from surgery in (OC) [Shyong, Lucchinetti, Tagliente, Hossain, Silverstein, Zaugg], 170
prediction of, after deep block with rocuronium (OC) [Baykara, Solak, Toker], 328

H

Heart disease, congenital
in pediatrics
ionized hypomagnesemia for CPB surgery in (OC) [Lu, Tan, Lin, Tsai, Lin, Mao, Yang], 189

Hemoglobin
human polymerized; and acute normovolemic hemodilution for control of blood loss in abdominal aortic reconstruction (CR) [Norris, Ness, Williams], 220

Hemophilia
axillary brachial plexus analgesia, continuous, in (CR) [Kang, Rumball, Ettinger], 38

Hemoptysis
in pediatric extracorporeal shock wave lithotripsy (CR) [Tiede, Lumpkin, Wass, Long], 530

Hip arthroplasty, total
general vs. spinal anesthesia for; influence of, on hemostatic markers (OC) [Brueckner, Reinke, Roth-Isigkeit, Eleftheriadis, Schmucker, Siemens], 433

HIV (human immunodeficiency virus)
in pregnancy (RA) [Kuczkowski], 224 (accompanying editorial [Hughes], 166)

Horner's syndrome
in pregnancy (CR) [Chandrasekhar, Peterfreund], 217

Human immunodeficiency virus (HIV)
in pregnancy (RA) [Kuczkowski], 224 (accompanying editorial [Hughes], 166)

Hydrogen gas analyzer
detection of flatus with (LE) [Terai, Yukioka, Ueda, Tanaka], 570

Hyperkalemia
rebound; in preterm labor (CR) [Kuczkowski, Benumof], 357

Hypertension
preoperative, immediate
and postponement of surgery (OC) [Weksler, Klein, Szendro, Rozentsveig, Schily, Brill, Tarnopolski, Ovadia, Gurman], 179

Hypomagnesemia
in abdominal surgery
ionized vs. total serum magnesium (OC) [Lanzinger, Moretti, Wilderman, El-Moalem, Toffaleti, Moon], 245
in pediatric CPB surgery
body weight-related ionized magnesium in (OC) [Lu, Tan, Lin, Tsai, Lin, Mao, Yang], 189

Hypothermia
general anesthesia cause of
pre- and intraoperative skin-surface warming in avoidance of (OC) [Vanni, Braz, Módolo, Amorim, Rodrigues, Jr], 119
myocardial stunning in healthy woman during (CR) [Sprung, West, Bacon, Burkle, Bourke], 537

I

Immune response
in neurosurgery
effects of, on lymphocyte subpopulations (OC) [Hori, Ibuki, Hosokawa, Tanaka], 1

Induction, anesthesia
in electroconvulsive therapy
and seizure duration (OC) [Lemmens, Levi, Debattista, Brock-Utne], 29
vital capacity rapid inhalation
bispectral monitoring during (OC) [Yamaguchi, Egawa, Mishio, Okuda, Kitajima], 24

Induction drugs
in electroconvulsive therapy
effect of, on seizure duration (OC) [Lemmens, Levi, Debattista, Brock-Utne], 29
intravenous
choice of; effect of, on fast-onset neuromuscular blocking drugs (OC) [El-Orbany, Wafai, Joseph, Salem], 9

Infarction, right ventricular
inhaled nitric oxide to improve hypoxemia (CR) [Fessler, Lepore, Thompson, Semigran], 371

Informed consent
in obstetric anesthesia (ED) [Kuczkowski], 573 (Review article [Hoehner], 587)

Intensive care unit patients
airway management of
two-person technique for fiberscope-aided tracheal extubation/reinbutation in (CR) [Hagberg, Westhofen], 467

Interscalene blockage, perioperative
comment on (LE) [Benumof], 489 (Reply [Long, Wass, Burkle], 489)

Interleukins
atenolol and
effect of, on recovery in geriatric surgery (OC) [Shyong, Lucchinetti, Tagliente, Hossain, Silverstein, Zaugg], 170
schizophrenia and
postoperative confusion of, affected by interleukin-6 (OC) [Kudoh, Takase, Takahira, Katagai, Takazawa], 455

Interscalene blocks
proficiency of anesthesia residents in (OC) [Rosenblatt, Fishkind], 285

Intraoperative awareness
patients' willingness to pay to avoid (OC) [Gan, Ing, de L Dear, Wright, El-Moalem, Lubarsky], 108

Intubation, endobronchial
acoustic reflectometry for detection of (CR) [Raphael, Lee], 41

Intubation, fiberoptic
catecholamine and hemodynamic response to
vs. direct laryngoscopy (OC) [Barak, Ziser, Greenberg, Lischinsky, Rosenberg], 132

Intubation, intratracheal
catecholamine and hemodynamic response to
direct laryngoscopy vs. fiberoptic intubation (OC) [Barak, Ziser, Greenberg, Lischinsky, Rosenberg], 132
intubating conditions
choice of induction drugs for, and effect on fast-onset neuromuscular blocking drug (OC) [El-Orbany, Wafai, Joseph, Salem], 9

Israel
patients of
attitudes of, toward the anesthesiologist's role and practice (OC) [Calman, Mihalache, Evron, Ezri], 451

Itching
neuraxial opioid-induced pruritus; a review (RA) [Szarvas, Harmon, Murphy], 234

J

Journal of Clinical Anesthesia
Acknowledgement of Reviewers, Volume 15, 601
Index of Authors, Volume 15, 604
Index of Subjects, Volume 15, 607

K

unilateral spinal block for outpatient; a dose-finding study (OC) [Borghi, Stagni, Bugamelli, Paini, Nepoti, Montebugnoli, Casati], 351

L

Labeling
- **intravenous fluid bags; inaccurate (LE)** [Coleman, III, Flynn, Delanzac, Coleman, Coleman], 242
- **preterm**
  - tocolytic therapy for; rebound hyperkalemia after cessation of (CR) [Kuczkowski, Benumof], 357

Laminectomy
- **myoclonus during**
  - dantrolene for treatment of, after prolonged etomidate infusion (LE) [Greenberg, Hilty], 490

Laparoscopic surgery
- **airway management in**
  - Laryngeal Mask Airway™ (LMA) vs. LMA-Proseal™, in (OC) [Natalini, Lanza, Rosano, Dell'Agnosto, Bernardini], 428
- **vs. LMA-Proseal™, in laparoscopic surgery** (OC) [Natalini, Lanza, Rosano, Dell'Agnosto, Bernardini], 428

Larynx
- **laryngeal cyst**
  - difficult intubation in infant (CR) [Kariya, Nishi, Funao, Nishikawa, Asada], 534
- **laryngeal papilloma**
  - pediatric
    - subglottic jet ventilation for microlaryngeal surgery in (CR) [Miyawaki, Shono, Katori, Sakuragi, Higa], 363

Latex allergy
- **in routine anesthesia practice** (OC) [Haeberle, Lupic, Midoro-Horiuti, Kiefer, Schroeder, Unertl, Dieterich], 495

Levobupivacaine
- **in orthopedic surgery**
  - son with racemic bupivacaine and ropivacaine (OC) [Casati, Santorsola, Aldegheri, Ravasi, Fanelli, Berti, Fraschini, Torri], 126

Liver transplantation
- **adult**
  - aprotinin's effect on vasoactive drug use in (OC) [Findlay, Kufner], 19
  - rocuronium; infusion and plasma concentration requirements of, during (OC) [Gao, Ramzan, Baker], 257

Low-flow anesthesia
- **Drägersorb Free®, Amsorb®, and Sodasorb II carbon dioxide absorbents** comparison of (OC) [Kobayashi, Bito, Obata, Katoh, Sato], 33

Lung
- **bronchoconstriction**
  - basic principles of capnography, differential lung-unit ventilation and time constants (AB) [Elser, Murray], 303

Lymphocytes
- **neurosurgical stress and** (OC) [Hori, Ibuki, Hosokawa, Tanaka], 1

Lymphoma, gastric
- **epidural abscess in** (CR) [Hernandez, Coyle, Wright, Ballantyne], 48

M

Magnesium
- **hypomagnesemia, body weight-related ionized**
  - in pediatric CPB patients (OC) [Lu, Tan, Lin, Tsai, Lin, Mao, Yang], 189
- **ionized vs. total serum, in abdominal surgery (OC)** [Lanzinger, Moretti, Wilderman, El-Moalem, Toffaleti, Moon], 245

Malpractice suit
- **case of general anesthesia, cardiopulmonary risk, and patient death** (DD) [Liang, Walman], 395
- **willing provider laws survive Supreme Court review** (DD) [Liang], 549

Massachusetts General Hospital
- **anesthesia, department of**
  - *This Is No Humbug!* reminiscences by staff of (BR) [Krenis], 278

Medical records
- **form structure**
  - influence of, on preoperative evaluation (OC) [Marco, Buchman, Lancz], 411

Medical student
- **anesthesiology rotation of; teaching of general medical principles during** (AB) [Sinz, Rosen], 318
- **role of professional educator in anesthesiology for** (AB) [Ruscher, Street, Kranner, Goelzer], 316

Military health care providers
- **airway management course for non-anesthesia personnel; evaluation of** (AB) [Murray, Boedeker], 617

Mivacurium
- **in acute normovolemic hemodilution**
  - recurarization risk after retransfusion of autologous blood (OC) [Rohling, Rentsch, Beck-Schimmer, Fuchs-Buder], 85
- **prolonged recovery from**
  - romyography for neuromuscular monitoring in (CR) [Kopman, Sinha], 145

Myocardial stunning
- **in abdominal hysterectomy** (CR) [Sprung, West, Bacon, Burkle, Bourke], 537

Myoclonus
- **during laminectomy**
  - dantrolene for, after prolonged infusion of etomidate (LE) [Greenberg, Hilty], 490

N

Nasuea and vomiting
- **in cesarean section**
  - propofol at subhypnotic doses vs. traditional antiemetics (OC) [Numazaki, Fujii], 423
- **wound infiltration with ropivacaine and fentanyl after breast surgery** (OC) [Johansson, Kornfält, Nordin, Svensson, Ingvar, Lundberg], 113

Nephrolithiasis
- **in pediatrics; hemoptysis after ESWL** (CR) [Tiede, Lumpkin, Wass, Long], 530

Neuromuscular blocking drugs
- **rapacuronium**
  - effect of intravenous induction drugs on (OC) [El-Orbany, Wafai, Joseph, Salem], 9

Neurosurgery
- **neurosurgical stress**
  - effect of, on lymphocyte subpopulations (OC) [Hori, Ibuki, Hosokawa, Tanaka], 1

Nerve blocks
- **ophthalmologic; a review** (RA) [Ahmad, Ahmad], 564

New Zealand anesthesiologists
- **continuing education of; analysis of current practice** (AB) [Weller, Harrison], 617

Nitric oxide
- **in right ventricular infarction** (CR) [Fessler, Lepore, Thompson, Semigran], 371

Norepinephrine
- **in scoliosis surgery** (OC) [Eroglu, Solak, Ozen, Aynaci], 15
- **in sepsis** (RA) [Theilmeier, Booke], 154

O

Ondansetron
- **Comment on recent publication concerning emesis control after laparoscopic cholecystectomy** (LE) [Vaidya], 570

Operating rooms
- **estimating financial lossess incurred by anesthesia groups as a result of inefficient OR staffing and case scheduling** (AB) [Dexter, Abouleish, Epstein, Lubarsky, Whitten], 70
- **increasing OR efficiency; lessons from a specialty trauma center** (AB) [Dutton, Ray], 72
- **measurement of efficiency and allocation of** (AB) [Dexter, Epstein], 68
- **renovation expansion of; model for determining future capacity after** (AB) [Viapiano, Vogl, Schapiro], 83
- **moving cases from one OR another; physicians' perceptions of minimum time that must be saved**

(OC) [Dexter, Smith, Tatman, Macario], 206
strategies for efficient scheduling of sequential cases in (AB) [Tyler, Cook-Sather, Cohen], 81
training level of residents and nurse anesthetists; effect of, on OR efficiency (AB) [St. Jacques, James, Higgins], 77
Ophthalmologic nerve blocks; a review (RA) [Ahmad, Ahmad], 564
Oral-gastric tube, knotting of (LE) [Raikhelkar, Denman], 571

P

Pain
in abdominal surgery
postoperative pain control after; comparison of three techniques for (OC) [Shapiro, Zohar, Hoppenstein, Ifrach, Jedeikin, Fredman], 345
in breast surgery
ropivacaine and fentanyl for postoperative (OC) [Johansson, Kornfält, Nordin, Svensson, Ingvar, Lundberg], 113
perineal
modified approach to the Ganglion of Walther (Ganglion of Impar) (LE) [Huang], 282
Patient
attitudes of Israeli patients about the role and practice of anesthesiologists (OC) [Calman, Mihalache, Evron, Ezri], 451
information for, regarding anesthesia
and the U.K. Healthcare systems; patient-centered reform of (AB) [Thomas, McHugh, Rollin, White, Williamson, Lack, Parroy], 79
Patient safety
curriculum design for graduate medical education (AB) [Joseph, Levine, Lehning, Lagasse], 617
electrical monitoring expertise of anesthesiologists; encouragement of (AB) [Smith, Goodwin, Mort, Pope], 617
cardiopulmonary bypass (CPB) in
hypomagnesemia in (OC) [Lu, Tan, Lin, Tsai, Lin, Mao, Yang], 189
clonidine, for abdominal surgery (OC) [Klamt, Garcia, Stocche, Meinberg], 510
death in
guidelines for the grieving anesthesiologist (CR) [Soto, Rosen], 275
extracorporeal shock wave lithropsy (ESWL) and
hemoptysis after (CR) [Tiede, Lumpkin, Wass, Long], 530
laryngeal cyst; difficult intubation in infant (CR) [Kariya, Nishi, Funao, Nishikawa, Asada], 534
microlaryngeal surgery in
subglottic jet ventilation for (CR) [Miyawaki, Shono, Katori, Sakuragi, Higa], 363
one-lung ventilation in
postoperative atelectasis after, in scoliosis surgery (CC) [Fröhlich, Janelle], 159
pulmonary contusion in; and hemoptysis after ESWL (CR) [Tiede, Lumpkin, Wass, Long], 530
thoracotomy surgery
transpleural subclavian central venous catheterization in (CR) [Ghafoor, Mayhew, Gentry, Schmitz], 142
Pheochromocytoma
rhabdomyolysis during laparoscopic resection of (CR) [Schumann, Joseph, Zabala, Lechan, Schwaitzberg], 540
Piercing, body
in pregnancy
airway implications of nose piercing (CR) [Kuczkowski, Benumof, Moeller-Bertram, Kotzur], 359
Pilonidal surgery
local vs. spinal anesthesia for (OC) [Sungurtekin, Sungurtekin, Erdem], 201
Pinch test
method for determining endotracheal tube cuff pressure (LE) [Sosis], 164
Positioning, patient
in spinal surgery; unusual complication with (CR) [Ali, Breslin, Hardman, Martin], 471
Positive pressure ventilation, noninvasive
for vasectomy patient with sleep apnea (CR) [Iwama, Suzuki], 375
Postanesthetic care unit
resident survey for education and evaluation of rotation in (AB) [Meng, Patel], 617
Postoperative confusion
interleukin-6 and, in schizophrenic patients (OC) [Kudoh, Takase, Takahira, Katagai, Takazawa], 455
Pregnancy
airway management in (ED) [Gambling, Shay], 491 (Review article [Kuczkowski, Reisner, Benumof], 552)
and AIDS (ED) [Hughes], 166 (review article [Kuczkowski], 224)
anesthetic practice in; changes in delivery of, and effect on residents at a UK district hospital (AB) [Sprigge], 617
body piercing, in
airway management implications of nose piercing (CR) [Kuczkowski, Benumof, Moeller-Bertram, Kotzur], 359
drug abuse in (RA) [Kuczkowski], 382 (accompanying editorial [Birnbach], 325)
epidural test dose; utility of (SA) [Gaiser], 474
fever and infection
anesthetic management of (RA) [Kuczkowski, Reisner], 478 (accompanying editorial [Finster], 409)
Horner's syndrome in (CR) [Chandrasekhar, Peterfreund], 217
informed consent in (ED) [Kuczkowski], 573 (Review article [Hoehner], 587)
nausea and vomiting in cesarean section
propofol at subhypnotic doses vs. tradiational antiemetics (OC) [Numazaki, Fujii], 423
rebound hyperkalemia after cessation of IV tocolytic therapy with terbutaline (CR) [Kuczkowski, Benumof], 357
simulation training for medical students (AB) [Romeo, Orebaugh, Dalby, Davis, Davis, McIvor], 617
uterine rupture, spontaneous
in cesarean section (LE) [Kuczkowski], 243 (comment on Siddiqui MN, Ranasinghe JD: Spontaneous rupture of uterus (CR). J Clin Anesth 2002;14: 368-70).
Preoperative evaluation
influence of data form structure on (OC) [Marco, Buchman, Lancz], 411
Proctologic surgery
sevoflurane for (OC) [Koo, Sabaté, Dalmau, Camprubi], 97
Propofol
alcohol withdrawal syndrome patient sedation with, as cause of delayed neuroexcitatory symptoms (LE) [Subramaniam, Gowd, Rosa], 406
cardioversion, ambulatory electrical external
etomidate vs. (OC) [Herregods, Bossuyt, De Baerdemaeker, Moerman, Struys, Den Blauwen, Tavernier, Mortier], 91
emesis control with, in cesarean section (OC) [Numazaki, Fujii], 423
Pruritus
opioid-induced; a review (RA) [Szarvas, Harmon, Murphy], 234

Q

R

Rapacuronium
and intravenous induction drugs (OC) [El-Orbany, Wafai, Joseph, Salem], 9

Rapiscope
tracheoscopy with, to verify correct ETT placement (OC) [Sum Ping, Pittman, Hohm, Sherwood], 334
Reintubations
quality assurance database analysis of (OC) [Lee, MacLennan, Naughton, O'Reilly], 575
Retrobulbar local anesthetic injection
apnea and seizures from (CR) [Moorthy, Zaffer, Rodriguez, Ksiazek, Yee], 267
Rhabdomyolysis
in pheochromocytoma resection (CR) [Schumann, Joseph, Zabala, Lechan, Schaitzberg], 540
Rocuronium
and acute normovolemic hemodilution
recurarization risk after retransfusion of autologous blood (OC) [Rohling, Rentsch, Beck-Schimmer, Fuchs-Buder], 85
in geriatrics
predicting recovery from deep neuromuscular block with (OC) [Baykara, Solak, Toker], 328
in liver transplantation
infusion requirements, plasma concentrations of [Gao, Ramzan, Baker], 257
intense neuromuscular block with; evaluation using post-tetanic count (OC) [Baykara, Şahin, Alpar, Solak, Toker], 446
Ropivacaine
wound infiltration with
effects of, on postoperative pain and nausea and vomiting after breast surgery (OC) [Johansson, Kornfält, Nordin, Svensson, Ingvar, Lundberg], 113
Rotator cuff repair
postoperative pain relief in
droperidol for (OC) [Yamamoto, Yamaguchi, Sakaguchi, Yamashita, Satsumae], 525

S
Saline bags
inaccurate labeling of (LE) [Coleman, III, Flynn, Delanzac, Coleman, Coleman], 242
Schizophrenia
interleukin-6 and
postoperative confusion affected by (OC) [Kudoh, Takase, Takahira, Katagai, Takazawa], 455
Scoliosis
atelectasis after one-lung ventilation in child (CC) [Fröhlich, Janelle], 159
catheter placement for thoracotomy, in child with (CR) [Ghafoor, Mayhew, Gentry, Schmitz], 142
stress hormones during wake-up test after (OC) [Eroglu, Solak, Ozen, Aynaci], 15
Seizure
and retrobulbar local anesthetic injection; cause of (CR) [Moorthy, Zaffer, Rodriguez, Ksiazek, Yee], 267
Sepsis
norepinephrine in (RA) [Theilmeier, Booke], 154
Sevoflurane
bispectral index monitoring and
vital capacity rapid inhalation induction, during (OC) [Yamaguchi, Egawa, Mishio, Okuda, Kitajima], 24
proctologic surgery, for (OC) [Koo, Sabaté, Dalmau, Camprubí], 97
Shunting, right-to-left interatrial
inhaled nitric oxide to improve hypoxemia in right ventricular infarction (CR) [Fessler, Lepore, Thompson, Semigran], 371
Simulation
course for, in anesthesia subspecialties (AB) [Orebaugh, Romeo, Edwards, McIvor], 617
human
high-fidelity; applying theory to practice with (AB) [Morgan, Cleave-Hogg, DeSousa, Tarshis], 617
obstetrical training in, for medical students (AB) [Romeo, Orebaugh, Dalby, Davis, McIvor], 617
residents as teachers; experience using human patient simulation (AB) [Morgan, Cleave-Hogg, DeSousa], 617
undergraduate medical education in; bridging the gap between theory and practice (AB) [Weller], 617
value of, with crisis resource management training, in the third world (AB) [Lutz, Murray], 308
laboratory for
controlling cost of teaching in, by expanding role of operator (AB) [Henry, Murray], 617
simulator, patient
medical center approach to (AB) [Lloyd, Bass, Jarvis, Murphree], 323
Sleep
characteristics of, in patients following ambulatory surgery (OC) [Kain, Caldwell-Andrews], 505
Spinal anesthesia
unilateral spinal block in outpatient knee arthroscopy; dose-finding study (OC) [Borghi, Stagni, Bugamelli, Paini, Nepoti, Montebugnoli, Casati], 351
Spinal cord surgery
prone position in; unusual complication (CR) [Ali, Breslin, Hardman, Martin], 471
respiratory complications of (CC) [Urdaneta, Layon, Guiot, Mendel, Kirby], 398
Spine, cervical injury, traumatic
respiratory complications in (CC) [Urdaneta, Layon, Guiot, Mendel, Kirby], 398
Stenosis
epicardial echocardiography to diagnose; during coronary surgery (CR) [Frenk, Shernan, Eltzschig], 271
Stent graft, endovascular
transient paraplegia from; in repair of thoracic aortic aneurysm (CC) [Fuchs, Lee, Seubert, Gelman], 59
Stress hormones
norepinephrine
in scoliosis surgery (OC) [Eroglu, Solak, Ozen, Aynaci], 15
in sepsis (RA) [Theilmeier, Booke], 154
Stress response
direct laryngoscopy vs. fiberoptic intubation (OC) [Barak, Ziser, Greenberg, Lischinsky, Rosenberg], 132
Stroke, preexisting
cardiopulmonary bypass in patients with
mean arterial pressure increase improves jugular venous oxygen saturation during (OC) [Kadoi, Fujita], 339
Surgery
postponement of
immediate preoperative hypertension (OC) [Weksler, Klein, Szendro, Rozentsveig, Schily, Brill, Tarnopolski, Ovadia, Gurman], 179
scoliosis
stress hormones during wake-up test after (OC) [Eroglu, Solak, Ozen, Aynaci], 15
upper extremity
axilary brachial plexus analgesia, continuous; and severe hemophilia (CR) [Kang, Rumball, Ettinger], 38

T
Terbutaline
in preterm labor
rebound hyperkalemia after cessation of IV tocolytic therapy (CR) [Kuczkowski, Benumof], 357
Thoracotomy
catheter, central venous, placement for, in child with scoliosis (CR) [Ghafoor, Mayhew, Gentry,

Schmitz], 142
Thrombelastograph®
in inherited bleeding disorders; perioperative use of (CR) [Pivalizza], 366
Tracheostomy
with rapiscope, to verify correct ETT placement (OC) [Sum Ping, Pittman, Hohm, Sherwood], 334
Transfusion medicine training for residents (AB) [Sidhu, Kranner], (8)
Trauma
hemorrhage control in
recombinant factor VIIa for (OC) [Dutton, Hess, Scalea], 184
Tuohy epidural needle
more deviation of, in "tougher" simulated tissues with insertion forces (AB) [Minarcik, Murray], 617

U
Univent® tube (single-lumen endotracheal tube with bronchial blocker)
for one-lung ventilation in child
postoperative atelectasis following (CC) [Fröhlich, Janelle], 159
Uterine rupture, spontaneous
in cesarean section (LE) [Kuczkowski], 243 (comment on Siddiqui MN, Ranasinghe JD: Spontaneous rupture of uterus (CR). J Clin Anesth 2002;14:368-70).

V
Vasectomy patient
sleep apnea in; combined local-propofol anesthesia with noninvasive positive pressure ventilation (CR) [Iwama, Suzuki], 375
Ventilation
high-frequency jet
subglottic; for pediatric microlaryngeal surgery (CR) [Miyawaki, Shono, Katori, Sakuragi, Higa], 363
pediatric
one-lung; postoperative atelectasis after (CC) [Fröhlich, Janelle], 159
subglottic jet, for microlarygneal surgery (CR) [Miyawaki, Shono, Katori, Sakuragi, Higa], 363
Ventilator, mechanical
anesthesia circuit malfunction (CR) [Eckhout, Jr., Bhatia], 137
Vital capacity induction
bispectral monitoring during (OC) [Yamaguchi, Egawa, Mishio, Okuda, Kitajima], 24

W
Wake-up test
in scoliosis surgery; effect on stress hormones (OC) [Eroglu, Solak, Ozen, Aynaci], 15
Warming
skin-surface
avoiding hypothermia with, from general anesthesia (OC) [Vanni, Braz, Módolo, Amorim, Rodrigues, Jr.], 119
Weill-Marchesani syndrome
airway management in (CR) [Karabiyik], 214
Willing provider laws
and Supreme Court (DD) [Liang], 549
Wound infiltration
ropivacaine and fentanyl for
effects of on postoperative pain and nausea and vomiting after breast surgery (OC) [Johansson, Kornfält, Nordin, Svensson, Ingvar, Lundberg], 113

X

Y

Z